

Nuclear Magnetic Resonance Spectrometer,
by V. M. Mamayev.
RUSSIAN, per, Patent No 172116.
•FTD-H7-TT-701

115

Sci - Nucl Sci & Tech
Nov 66

V. M. Mamayev

Kinetics of Alkaline Hydrolysis of the Methyl
Ester of Alanyl Glycyl Glycine in Aqueous Solution,
by D. G. Knorre, G. V. Kukushkina, V. P. Mamayev,
5 pp.

RUSSIAN, per, Kinetika i Kataliz, Vol I, No 2,
1960, pp 197-202.

CB

161, 257

Sci
Jul 61

B-Amino Acids of the Thianaphthene Series, by
V. P. Mamayev, O. P. Shkurko, 4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXXI, No 10,
1961, pp 3288-3291.

CB

Sci
Sep 62

211,767

Structure of Chlorophenoxyacetic Acids, by
V. P. Mamayev, N. N. Suvorov, 2 pp.

Full tr

RUSSIAN, no per, Zhur Obshch Khim, Vol XXVI, No 2,
1956, pp 538. CIA 9007073 C, Reel No 64

Consultants Bureau

Sci - Chemistry
Dec 56 CIA

41,718

Some β -Amino Acids of the Thiophene Series, by
V. P. Mamaev and T. D. Rubina, 4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XVII, No 2,
1957, pp 464-468.

6 Consultants Bureau

Sci - Chem

Jul 58

67,246

Glycol Ethers. XXVII. Synthesis of the β -Alkoxy Derivatives of Methylene Glycol Ethers, by Shamkhal Mamedov, C. Mamedov, 4 pp.

RUSSIAN, no per, Zhur Obshch Khim SSSR, Vol XXVI, No 11, 1956, pp 3023-3025.

Consultants Bureau

Sci - Chem
Jul 58

67,567

A Gall Midge *Micropteromyia ghilarovi* Gen. Et Sp.
Nov. (Diptera, Itonididae) with Reduced Wings, by
B. M. Manayev. 4 pp.

RUSSIAN, per, Entomolog Oboz, Vol XXXIX, No 4,
1960, pp 951-955.

AIRS

Sci
Jul 61

158,000

(AY-5195)

The Fourth Conference of the All-Union
Entomological Society, by B. M. Mamayev, 9 pp.
RUSSIAN, per, Iz Ak Nauk SSSR, Ser Biolog,
No 4, Jul/Aug 1960, pp 633-636.

JFRS 7247

Sci - Biol

Dec 60

135,926

Targets in the Ocean, by B. Mazayev.

RUSSIAN, np, Krasnaya Zvezda, 4 Apr 1963.

Navy Tr 3496/APL 789

URGENT
MIL
Aug 63

238,315

(NY-4681)

Concerning the Wage Rate System in Kolkhozes, by
P. Mazayev, 9 pp.

RUSSIAN, per, Botsialisticheskiy Trud, No 6,
1960, pp 29-33.

JPRS 7628

USSR

Econ

140, 785

Feb 61

1-Alkyl-3-methyl-5-pyrazolones, by V. P. Mamayev,
3 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIX, No 8,
1959, pp 2747-2749.

Consultants Bureau

Sci

Aug 60

126,753

Electrosynthesis of o- and p-Methoxyphenylhydrazines,
by M. Ya. Kh Fioshin, G. P. Girina, V. P. Mamaev, 2 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXVI, No 8,
1956, pp 2311-2312.

Consultants Bureau

Sci - Chem

56, 532

Dec 57

Synthesis of Some Fluorine-Containing β -Aryl- α -Alanines, by V. P. Mamayev, 4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVII, No 5, 1957, pp 1290-1293.

Consultants Bureau

Sci - Chem

Sep 58

72,876

Synthesis of Some Chlorophenoxy Derivatives, by
V. P. Mangev, N. N. Suvorov, V. I. Gunar, 3 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXIII,
No 7, Jul 1953, USSR, pp 1206-1208. CIA 4006078

Consultants Bureau

Scientific - Chemistry

CTS/DEX

19,395

"Targets on the Ocean," by Naval Capt 1st Rank
Ye. Mamayev, third and last installment of series
"Against the Fabrications of the Military Ideo-
logists of Imperialism"

Moscow, Krasnaya Zvezda, 4 April 1963

US, USSR

Daily Report
USSR & East Europe
No 70, 10 Apr 63

Practical Laboratory Methods on the Determination of the Degree of Soil Salinity, by I. N. Antipov, L Ya. Mamayeva.

RUSSIAN, per, Pochvovedenie, No 8, 1955, pp 61-65.

CSIRO

Sci - Chem
Apr 62

190, 463

The Chemistry of the Polysynergines and Related
Antibiotics, by Z. T. Sinitzyan, S. N. Myoyez,

5 pp.

RUSSIAN, per, Uspenii Khim, No 2, 1962, pp 211-221.

CS

Sci

Dec 62

232,938

34

study of the biochemical properties of
finely-ground wheat flour during the process
of dehydration by the heated air method,
by I. A. Mabbish,
RAESIA, per, Niekhiaiya Zerna, 1968.
pp. 121-161.
ILL. RTS 5433
(On Loan or Purchase)

Sci-B62
Acr 67

324.032

Kontrolle des Technologischen Prozesses in
Getreidemuhlen (Methoden und Geratschaften). 1955,
by I. E. Mambisch, A. R. Demidov.

Translated from the Russian edition, 1953.

DSIR 664.7 621.927
Lending Lib Unit
G. 11361

Stock-Piling, Preparation and Application of
Manure and Other Organic Fertilizers, by I.
Menchenkov.

RUSSIA, bk, O Sisteme Udobreniya Rastenii v
Travopol'sykh Sevoborotakh, Moscow, 1951,
pp 42-60. CIA 560191

37,446

DEDA

USSR
Sci - Biology
Econ - Agriculture

Aug 1956

(OC-2700/42)

Fertilizers, by I. P. Mamchenkov, 11 pp.
RUSSIAN, per, Zemledeliye, No 8, 1960, pp 52-60.

JPRS 6583

USA/R

Econ

Feb 61

138, 845

Nature and Its Utilization, by I. P. Menchenkov.

RUSSIAN, bk, Spravochnik Agronomu po Udobreniyam,
Second Ed, 1955, Moscow. CIA 560189

USDA

37,450

USSR

Sci - Biology

Econ - Agriculture

Aug 1956

Mamchenkov, I. P.
SOVIET AGRICULTURE (NO. 42). 17 Jan 61, 11p.
JPRS: 6583.
Order from OTS \$0.50

61-11813

Trans. of Zemledeliye (USSR) 1960 [v. 8] no. 8.
p. 52-60.

61-11813

1. Agriculture--USSR
2. Fertilizers--Development
1. Mamchenkov, I. P.
- II. JPRS-6583
- III. Joint Publications Research
Service, Washington,
D. C.

Office of Technical Services

(Agriculture, TT, v. 5, no. 8)

Synthetic Fuels Production Technology,
by M. G. Namadli, M. S. Aliyev, 12 pp. UNCL

RUSSIAN, par, Neft i Gas, No 2, 1959,
pp 67-74.

AF 1419499

112, 995

Sol - Fuels
Apr 60

(NY-3915)

14

The Problem of Expanding the Resources of Jet
Fuels, by M. G. Mamedli, M. S. Aliyev, 6 pp.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Neft' i Gas.
No 2, Baku, 1960, pp 81-85.

JPRS 2792

Sci - Engineering

Jul '60

120,035

On the Problem of Production of Synthetic Fuels,
by M. G. Mamedli, M. S. Aliyev, 6 pp. UNCL

RUSSIAN, per, Iz Vysshikh Uchebnykh Zavedeniy,
Neft i Gaz, No 6, 1958, pp 73-76.

AF 1255883

USSR
Econ
Sci - Fuels
Aug 59

73, 387

Two Stage Catalytic Cracking Process, by M. G.
Mamedli, 4 pp.

RUSSIAN, bk, Tekhnologiya Proizvodstva Aviatsionnykh
Topliv, 1956, pp 87-89, Encl to IR-1298-57, AFOIN-
IAI.

AID/Mar 57

Sci - Chemistry, Fuels

50, 848

Aug 57

Mamedaliev, Yu. G.
ALKYLATION OF ISOPARAFFINS. [1961] [36]p.
163 refs.
Order from OTS or SLA \$3.60

61-20139

Trans. of mono. The Alkylation Reaction in the Production of Aviation Fuels, Baku, 1945, pt. 3, p. 103-162.

DESCRIPTORS: *Alkyl radicals, *Aviation fuels, Production, Chemical reactions, *Hydrocarbons, Thermodynamics, *Ethylenes, Heat of reaction, Octanes, Gasoline, Antiknock, Sulfuric acid, Fractionation, Esters, Chain reactions.

61-20139

I. Title: Isoparaffins
I. Mamedaliev, Yu. G.

(Materials--Fuels, TT, v. 7, no. 8)

Office of Technical Services

Mamedaliev, Yu. G.
ALKYLATION OF AROMATIC HYDROCARBONS.
[1961] [44]p. 163 refs.
Order from OTS or SLA \$4.60

61-20137

Trans. of mono. The Alkylation Reaction in the Production of Aviation Fuels, Baku, 1945, pt. 1, p. 3-71.

DESCRIPTORS: *Hydrocarbons, Chemical reactions, Production, *Aviation fuels, *Alkyl radicals, Chemical engineering, Sulfuric acid, Catalysts, Fuel oils, Refineries, Benzenes, Gases, Pyrolysis, Gasoline, Kerosene, Octanes, Coal, Coke.

(Materials--Fuels, TT, v. 7, no. 8)

61-20137

I. Mamedaliev, Yu. G.

Office of Technical Services

Mamedaliev, Yu. G.
ALKYLATION OF AROMATIC [HYDROCARBONS]
(CONTINUATION). [1961] [28]p. 163 refs.
Order from OTS or SLA \$2.60

61-20138

Trans. of mono. The Alkylation Reaction in the Production of Aviation Fuels, Baku, 1945, pt. 2, p. 71-102.

DESCRIPTORS: *Alkyl radicals, Benzenes, Butenes, Butadienes, Fractionation, Gases, Pyrolysis, *Aviation fuels, Production, *Hydrocarbons, Reagents, Ethylenes, Catalysts, Octanes, Gasoline.

61-20138

I. Mamedaliev, Yu. G.

(Materials--Fuels, TT, v. 7, no. 7)

Office of Technical Services

Aromatic Hydrocarbons Produced Through
Catalytic Treatment of Thermally Cracked
Kerosene in the Presence of Light Pyrolytic
Petroleum Oil, by G. M. Mamedaliyev, S. M.
Aliyev, 9 pp. UNCLASSIFIED

RUSSIAN, per, Dok Ak Nauk SSSR, No 5, 1958,
pp 950-953, Encl to IR-1490-58, AFCIN-LAL.

AF 1186752

Sci - Chem
Aug 58,

68,925

Production of Xylenes by Dealkylation
and Conjugate Alkylation of Aromatic
Hydrocarbons in the Presence of Synthetic
Aluminosilicates, by Academician A. V.
Topchiev, G. M. Mamedaliev, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVII,
No 6, 1957, pp 1007 - 1009.

Consultants Bureau

Sci - Chem

Oct 58

74, 372

Production of Xylenes by Alkylation and Dealkylation of Aromatic Hydrocarbons in the Presence of Synthetic Aluminosilicates, by A. V. Topchiev, G. M. Mamedaliev, A. N. Kislynsky, G. N. Anikina, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXII, No 6, 1957,
pp 1071-.

Consultants Bureau

Sci - Chemistry
Jul 58

68,921

Production of Aromatic Hydrocarbons by Catalytic Treatment on the Products From Thermal Cracking and Pyrolysis of Petroleum, by A. V. Topchicv, G. M. Mamedaliev, S. M. Aliev, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXV, No 3, 1959, pp 566--.

Consultants Bureau

119,536

Sci

Jun 60

Catalytic Transformations of Individual Paraffins
and Olefins in the Presence of Benzene Over
Synthetic Aluminum Silicates, by A. V. Topchiyev,
G. M. Mamedaliyev, S. M. Aliyev.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 11,
1959, pp 1971-1979.

CB

Sci ..
May 61

153,094

Catalytic Conversion of Cyclohexene to Tetraalkylbenzene
and Dimethylnaphthalenic Hydrocarbons, by A. V.
Topchiev, G. M. Mamedaliev, M. V. Shishkina, G. N.
Anikina, A. N. Kislinsky, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXV, No 2,
1959, pp 341-344.

Consultants Bureau

Sci

119,529

Jun 60

Catalytic Transformations of Individual Naphthene Hydrocarbons and Cyclohexene in Presence of Benzene, by G. M. Mamedalyev, A. V. Topchyev, S. M. Alyav, 10 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 10, 1959, pp 1794-1804.

CB

Sci

157,980

Jun 61

The Catalytic Reforming of the Light Oil Obtained
from the Pyrolysis of Oil Distillates, by Yu. G.
Mamedaliyev, G. M. Mamedaliyev, G. N. Suleimanow,
D. D. Kichiyeva, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. XXIX, No 3,
1959, pp 638-.

CB

Sci

Oct 60

130, 662

Dealkylation of Methylbenzene and Associated
Alkylation of Benzene and Toluene in Presence of
Synthetic Aluminosilicates, by A.V. Topchiev,
G.M. Mamedalyev, L.S. Kovalev, 8 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 5, 1961, pp 868-876.

CB

Sci

189,020

Mar 62

Denethylation and Isomerization of o-Xylene over
Aluminosilicates, by A. V. Topchiev, G. M. Ma-
medaliev, Yu. G. Mamedaliev, 10 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 11, 1956, pp 1390-1398.

Consultants Bureau

Sci - Chem

Jun 58

65,477

ISOTOPEIC ACTIVATION OF ALUMINOSILICATES
Aluminosilicates and Their Demethylation in
the Presence of Benzene, by Yu. G. Nasedaliev,
A. V. Topchilov, G. M. Nasedaliev and G. N.
Suleimanov, 3 pp.

Full tr

RUSSIAN, thrice-pp per, Dok Ak Nauk SSSR, Vol CVI,
No 6, 1956, p 1027.

41,505

ERIK
Consultants Bureau

Sci - Chemistry
Dec 56 C75

Preparation of Methyl Chloride From Natural Gas,
by Yu. G. Mamedaliev, V.V. Dement'eva. 8 pp.
RUSSIAN, per, Zhurnal Prikladnoi Khimii, Vol 12,
No 12, 1939, pp 1826-1834
SLA TT-61-16859

Yu. G. Mamedaliev

Sci/Chemistry
Jul 66

305,993

Isomeric Transformation of Ethylene over
Aluminosilicates and Their Demethylation in
the Presence of Benzene, by Yu. G. Mamedaliev,
A. V. Topchiev, G. M. Mamedaliev, and G. S.
Suleimanov, 3 pp.

Full tr

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CVI,
No 6, 1956, p 1027.

41,505

KEMET
Consultants Bureau

Sci - Chemistry
Dec 56 CTS

<p>Mamedaliev, Yu. G. ALKYLATION OF ISOPARAFFINS. [1961] [36]p. 163 refs. Order from OTS or SLA \$3.60</p> <p>Trans. of mono. <u>The Alkylation Reaction in the Production of Aviation Fuels</u>, Baku, 1945, pt. 3, p. 103-162.</p> <p>DESCRIPTORS: *Alkyl radicals, *Aviation fuels, Production, Chemical reactions, *Hydrocarbons, Thermodynamics, *Ethylenes, Heat of reaction, Octanes, Gasoline, Antiknock, Sulfuric acid, Fractionation, Ethers, Chain reactions.</p> <p>(Materials--Fuels, TT, v. 7, no. 8)</p>	<p>61-20139</p> <p>1. Title: Isoparaffins 1. Mamedaliev, Yu. G.</p> <p>201425</p> <p>Office of Technical Services</p>
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Mamedaliev, Yu. G.
ALKYLATION OF AROMATIC [HYDROCARBONS]
(CONTINUATION). [1961] [28 p. 163 refs.
Order from OTS or SLA \$2.60 61-20138

Trans. of mono. The Alkylation Reaction in the Production of Aviation Fuels, Baku, 1945, pt. 2, p. 71-102.

DESCRIPTORS: *Alkyl radicals, Benzenes, Butenes, Butadienes, Fractionation, Gases, Pyrolysis, *Aviation fuels, Production, *Hydrocarbons, Reagents, Ethylenes, Catalysts, Octanes, Gasoline.

(Materials--Fuels, TT, v. 7, no. 7)

61-20138

I. Mamedaliev, Yu. G.

201424

Office of Technical Services

<p>Mamedaliev, Yu. G. ALKYLATION OF AROMATIC HYDROCARBONS. [1961] [44p. 163 refs. Order from OTS or SLA \$4.60</p> <p>61-20137</p> <p>Trans. of mono. <u>The Alkylation Reaction in the Production of Aviation Fuels</u>, Baku, 1945, pt. 1, p. 3-71.</p> <p>DESCRIPTORS: *Hydrocarbons, Chemical reactions, Production, *Aviation fuels, *Alkyl radicals, Chemical engineering, Sulfuric acid, Catalysts, Fuel oils, Refineries, Benzene, Gases, Pyrolysis, Gasoline, Kerosene, Octanes, Coal, Coke.</p> <p>(Materials--Fuels, TT, v. 7, no. 8)</p>	<p>61-20137</p> <p>I. Mamedaliev, Yu. G.</p> <p>201423</p> <p>Office of Technical Services</p>
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Mamedaliev, Yu. G., Dulin, M. A., and
Shikhamamedbekova, A. Z.
CATALYTIC DEHYDROGENATION OF ISOPENTENE
TO ISOPRENE. [1963] 12p.
Order from K-H \$12.00

Trans. of Akademiya Nauk AzerbaidzhanSSR [Baku],
Doklady, 1953, v. 11, no. 12, p. 811-817.

DESCRIPTORS: *Isoprene, *Pentene, Molecular structure, *Catalysts, *Dehydrogenation.

(Chemistry--Organic, TT, v. 10, no. 2)

63-17269

I. Mamedaliev, Yu. G.
II. Dulin, M. A.
III. Shikhamamedbekova, A. Z.
IV. K-H-10010-a
V. Kresge-Hooker Science
Library Associates,
Detroit, Mich.

A269719

None of Related Services

Mamedaliev, Yu. G., Dulin, M. A. and others.
CATALYTIC DEHYDROGENATION OF ISOPENTENES
TO ISOPRENE. [1963] 11p.
Order from K-H \$11.00

K-H 10010 b

Trans. of Akademiya Nauk Azerbaidzhanakol SSR
[Baku], Doklady, 1956, v. 12, no. 8, p. 547-552.

DESCRIPTORS: *Isoprene, *Pentenes, Molecular structure, *Catalysts, Dehydrogenation.

(Chemistry--Organic, TT, v. 10, no. 2)

63-17268

I. Mamedaliev, Yu. G.
II. Dulin, M. A.
III. K-H-10010-b
IV. Kresge-Hooker Science
Library Associates,
Detroit, Mich.

A259718

Office of Technical Services

Alkylation and Dealkylation of Benzene and
its Homologs in Presence of Aluminosilicates,
by Yu. G. Mamedaliev, G. M. Mamedaliev, 6 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 8, Aug 1956, pp 986-991.

ATS RT-726
Consultants Bureau

Sci - Chemistry
Jul 57

49,414

SLP-ATS
(SHP/SP)

Catalytic Dehydrogenation of the Isopentane
Fraction, by Yu. G. Mamedaliev, et al.

RUSSIAN, thrice-no per, Dok Ak Nauk Azerbaydzhan
SSR, Vol XI, No 1, 1955, pp 13-19.

Assoc Tech Sv

RJ-575

\$6.15

52, 232

Sci - Chem
Sep 57

Mamedaliev, Yu. G.
ALKYLATION OF BENZENE WITH PROPENE IN
THE PRESENCE OF ALUMINOSILICATES. [1961] 4p.
5 refs.
Order from OTS or SLA \$1.10

61-20111

Trans. of Akademiya Nauk SSSR. Otdelenie Khimicheskikh Nauk. Izvestiya, 1946, p. 458-460.

DESCRIPTORS: *Benzene, *Alkyl radicals, Propenes, Chemical reactions, Aluminum compounds, Silicates, Clay, Catalysts, Catalysis.

Experiments of alkylation of benzene with a gaseous mixture containing 17-19% propane and around 77% propene in the presence of activated gumbrin clay are reported. Under 40 atm pressure at an hourly space velocity of 0.5 and a mole ratio of benzene to propene of 1:0.45 most of the benzene reacted at 350° was con- (Chemistry--Organic, TT, v. 7, no. 7) (over)

61-20111

I. Mamedaliev, Yu. G.

197191

Office of Technical Services

JPBS-60007:

The Development of Science in Azerbaijan
SSR, by Yu. G. Mamedliyev, 92 pp.

RUSSIAN, bk, Razvitiye Nauki v Azerbaydzhanu,
1960, 139 pp.

JPBS 0977

Sci & Misc

171,122

Oct 61

Demethylation and Isomerization of o-Xylene over
Aluminosilicates, by A. V. Topchiev, G. M. Ma-
medaliev, Yu. G. Mamedaliev. 10 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 11, 1956, pp 1390-1398.

Consultants Bureau

Sci - Chem

Jun 58

65,477

Catalytic Oxidation of Propane, by Yu. G.
Nasmedaliev, M. Guseinov, 2 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol 114:
No 4, Jul/Aug 1956, pp 781-784.

Consultants Bureau

Sci - Chem

56, 644

Dec 57

Cationic Polymerization of Nuclear-Methylated
Styrenes, α -Methylstyrenes and
Vinylisopropenylbenzenes in the Presence of $TiCl_4$.
by Yu. G. Mamedaliev, S. M. Aliev, et al.
RUSSIAN, per, Dok Akad Nauk Azerbaidzhanskoi SSR
Vol XX, No 1, 1964, pp21-26.
ATS-93R77R

Apr 67 323,018

Alkylation of Cycloparaffins, by Yu. G. Mamedaliev,
Z. A. Mamedova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIII, No 6,
1957, pp 1063-1066.

Consultants Bureau

Sci - Chemistry
Jul 58

66,786

Use of Siloxanes as Anti-Foam Additives in Lubricating Oils, by Yu. G. Karedaliev, A. N. Kuliev, L. S. Iustarcev.

RUSSIAN, per, Zhur Fiz Khim, Vol XXVI, No 8, 1953,
pp 854-859.

Assoc Tech Sv RJ-153

Scientific - Chemistry

Aug 54 C26 16, 407

The Oxidation of Isocyanides with Air
Oxygen, Yu. G. Mamedov, M. R. Nasnev,
etc.
RUSSIAN, per, Atomizdatuchastii Khimicheskii
Jurnal, No 5, 1962, pp 29-40.
CAT 22-65-10235

Yu. G. Mamedov
333, 834

Sci
Aug 67

The Alkylation of Cycloparaffins With Olefins,
by Yu. G. Mamedaliev, A. Kuliev.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXXVIII, No 3,
1953, USSR, pp 471-473.

Assoc Tech Sv RJ-115

Sci - Chemistry \$4.25 (\$0.85)

Aug 54

17,119

(SF-1878)

THE GREAT DEBT OF SCIENCES BY YU.
MAMEDALIYEV, 10 PP.

RUSSIAN, NP, BAKINSKIY RABOCHIY, 12 OCT 1961,
P 2.

JPRS 13876

SCI - MISC
MAY 62

197,312

Mamedaliev, Yu. G., Mamedaliev, G. M., Aliev, S. M., and Guseinov, N. I.
PREPARATION OF RING-METHYLATED STYRENES, α -METHYLSTYRENES AND VINYLISOPROPENYL-BENZENE BY HETEROGENEOUS VAPOR-PHASE ALKYLATION AND DEHYDROGENATION OF AROMATIC HYDROCARBONS IN A FLUIDIZED BED OF OXIDE CATALYSTS. [1963] 6p
Order from ATS

ATS-86Q71R

Trans. of Akad[emiya] Nauk Azerbaidzhan[skoi] SSR [Baku]. Dokl[ady] 1963, v. 19, no. 1, p. 13-18.

DESCRIPTORS: *Styrenes, Methyl radicals, Vinyl radicals, Propenes, *Benzene derivatives, Vapors, Alkylation, Dehydrogenation, Fluidized solids, *Catalysts, Oxides.

(Chemistry--Organic, TT, v. 10, no. 10)

63-22586

1. Title: α -Methyl styrene
2. Title: Vinyl isopropenyl benzene
3. Mamedaliev, Yu. G.
4. Mamedaliev, G. M.
5. Aliev, S. M.
6. Guseinov, N. I.
7. ATS-86Q71R
8. Associated Technical Services, Inc.,
East Orange, N. J.

165437

Office of Technical Services

The Catalytic Reforming of the Light Oil Obtained
from the Pyrolysis of Oil Distillates, by Yu. G.
Mamedaliyev, G. M. Mamedaliyev, G. N. Suleimanov,
D. D. Kichiyeva, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. XXIX, No 3,
1959, pp 638-.

CB

Sci

Oct 60

130,662

(DC-3791).

List of Candidates for Academy of Sciences
Azerbaijan SSR, by Yu. G. Mamedaliyev, M. A.
Kashkay, 13 pp.

RUSSIAN, np, Bakinskiy Rabochiy, 3, 4 Dec 1959, p 1.

JPRS 3455

USSR
Biog
Jul 60

119,873

The Preparation of Halogenated Alkylbenzenes
and Their Transformation Into Halogenated
Styrenes, by Yu. G. Mamedaliyev, Sh. V. Veliyev,
29 pp.

RUSSIAN, bklet, Dok na IV Mezhdunarodnom Neft
Kongresse v Rime, Moscow, 1955.

Available Harvard University
Library

33.473

USSR
Scientific - Fuels, Petroleum
Economic - Fuels, Petroleum

Preparation of Aromatic Hydrocarbons by the Catalytic Treatment of the Products of the Coking of Coal and of the Pyrolysis and Thermal Cracking of Petroleum, by A. V. Topchishev, G. M. Mamedalyev, S. M. Alyev, 12 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 5, 1959, pp 861-874.

CB

Sci -
May 61

153, 253

Production of Aromatic Hydrocarbons by Catalytic processing of Thermally Cracked Kerosene in the Presence of Light Oil from the Cracking of a Petroleum Stock, by G. M. Mamedalyev, S. M. Alyev, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII, No 5, 1958, pp 950-953.

Consultants Bureau

Sci-Chem
Jun 59

88,798

The Preparation of Carbon Tetrachloride by the
Chlorination of Methane in a Boiling Layer of
Catalyst, by Yu. G. Mamedalyev, M. M. Guseinov,
F. A. Makhtyeva, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXII, No 5,
1958, pp 817-820.

CB

Sci - Chem
Oct 59

100,058

Mamedli, M. G.
CATALYTIC DESULFURIZATION OF GASOLINE, I.
[1961] Sp. 22 refs.
Order from OTS or SLA \$1.10

61-18242

Trans. of Zhurnal Prikladnoi Khimii (USSR) 1965, v. 15
[no. 1/2] p. 62-68.

DESCRIPTORS: Catalysts, "Gasoline, Sulfur compounds,
Fuels, Clays, Hydrocarbons, Decomposition, Separation.

A study of the suitability of 12 samples of clays from
four regions on the Apsheron peninsula in USSR for
catalytic desulfurization of gasoline showed that some
natural clays can be used without activation for this
process, effecting removal of up to 88% of the sulfur
from samples with an initial sulfur content of 0.05%
at 400°C. However, at this temperature partial cracking
may occur and the optimal conditions are thought
(Materials--Fuels, TT, v. 6, no. 8) (over)

61-18242

I. Title: Desulfurization
I. Mamedli, M. G.

Office of Technical Services

Mamedli, M. G.
SYNTHETIC OILS FROM CRACKED DISTILLATES.
[1961] 8p. 11 refs.
Order from OTS or SLA \$1.10

61-16984

Trans. of Zhurnal Prikladnoi Khimii (USSR) 1943, v. 16,
p. 143-150.

DESCRIPTORS: *Lubrication, *Oils, *Waxes, Decomposition.

The best lubricating oils, satisfying the requirements for aviation oils with respect to viscosity index, oxidation stability, low pour point and low specific gravity, as well as high flash point, are obtained from products of cracking paraffin wax. Polymerization of cracked distillates to synthetic lubricating oils in the presence of aluminum chloride takes place not only at low temperatures 125-130°. The qualitative and quantitative characteristics are identical in both cases. At the (Chemistry--Organic, TI, v. 6, no. 8) (over)

61-16984

I. Mamedli, M. G.

Office of Technical Services

Mamedli, M. G. and Aleev, M. S.
SYNTHETIC FUELS PRODUCTION TECHNOLOGY
(*Kh. Voprosa o Tekhnologii Prorzvodstva Sinteticheskikh
Toply*). [1961] [12p]. 5 refs. AF 1419499.
Order from OTS or SLA \$1.60

61-28351

Trans. of *Izvestiya Vsesoiuznicheskikh Zavedenii*.
Neft' i Gaz (USSR) 1959 [v. 2] no. 2, p. 67-74.

DESCRIPTORS: Industrial production, Chemical analysis, *Jet engine fuels, Fractionation, *Hydrocarbons, Decomposition, Aluminum compounds, Chlorides, Catalysis, Catalysts, Distilling plants, Temperature, Pyrolysis, *Fuels.

Tests showed that it is possible to produce high quality T-1 jet fuel from the middle fractions of light thermal cracking products. The established optimum conditions for catalytic conversion of the hydrocarbons contained (Engineering-Chemical, TT, v. 7, no. 7) (over)

61-28351

I. Title: T-1 fuel
I. Mamedli, M. G.
II. Aleev, M. S.
III. AF-1 419 499

197270

Office of Technical Services

The Temperature and Pressure Dependence
of the Specific Heat c_v of Water, by
A. M. Mamedov.

RUSSIAN, per, Tekhnenergetika, 1963,
No 5, pp 69-70.
ML RTG 2329 (On Loan or Purchase)

OTS TP-65-66531
A. M. Mamedov

Aug 65

288,858

CEA-tr-R-1374 Unc1.

EQUATION D'ETAT DE L'EAU LOURDE D₂O D'APRES
LES DONNEES EXPERIMENTALES DE p - v - T.
(Equation of State of D₂O from p-v-T
Experimental Data). A. M. Mamedov. Trans-
lated into French from Teploenergetika,
7: 71-4(1960). 12p. 9093631

Chemistry; Translations MC-4

C-4 NP NSA Dep.(mc); \$1.60(fs), \$0.80(mf)
JCL or LC

N-3

Mamedov, A. M.
THERMAL COEFFICIENTS OF WATER. [1961].
Order from FT \$7.70 FT-616

Trans. of Teploenergetika (USSR) 1961 [v. 8] no. 5,
p. 79-81.

DESCRIPTORS: Water, Thermodynamics.

61-22995

I. Mamedov, A. M.
II. FT-616
III. Faraday Translations,
New York

Office of Technical Services

(Physics--Thermodynamics, TT, v. 6, no. 4)

Equation of State for Heavy Water (D_2O) From
p-v-T Experimental Data, by A. M. Mamedov.

RUSSIAN, per, Teploenergetika, No 9, 1960, pp 71-75.

NLL RFS 1847

Sci - NuclPhys

Jan 62

180,020

(FDD 26092)

The Effect of the Stimulation of the Interoceptors of
the Bladder, and Rectum on Intramuscular Pressure, by
A. I. Karayev, A. M. Mamedov, 12 pp.

AZERBAIJZHANI, no per Dok Ak Nauk Azerbaydzhani SSR,
Vol X, No 4, Baku, 1954, pp 297-302.

CIA/FDD U-8249

35, 298

USSR
Sci - Medicine
May 56

36
All-Russian Conference on Public Health, by
A. M. Moshkov, 9 pp.
Moscow, 1964, Sovet Zdorovia, No 1, 1964, pp 81-84.
JPRS 24308

Sch-Dokl & 24308
Apr 64

234,706

Lithofacies analysis and oil prospects of the Maykop
Formation of West Azerbaijan and East Georgia
By A. V. Mamedov pp. 5

RUSSIAN: *per Geolog Nefti i Gasa*, Vol IV, No 12-A,
1960

RRG

Sci

Oct 63

240-922

New Light on Recent Tectonic Movements in
Western Armenia and Eastern Georgia, by
N. G. Agabekov, A. V. Kuznetsov, 3 pp.

ENRUSTAD, par, 1s At Book 6260, Ser Geoloy,
No 5, 1961.

AGI

501

Nov 62

217,950

Reflex Regulation of the Energy Metabolism of Sheep in Connexion with Feeding, by D. M. Mamedov, 7 pp.

RUSSIAN, per, Fiz Zhur SSSR im I. M. Sechenova, Vol XLIV, No 11, 1958, pp 1140-1145.

Pergamon Inst

Sci - Med

Mar 59

82,570

Energy Exchange Variations in Sheep in Relation to the
Place and Time of Feeding, by D. M. Mamedov, 6 pp.

RUSSIAN, par, Piz Zhur SSSR 4part I. M. Bezhenev,
Vol XXVII, No 12, 1957, pp 1195-1201.

Pergamon Inst

Sci - Med
Nov 58

76,312

Mamedov, G. A.
EXPERIMENTAL STUDY OF OIL RECOVERY
UNDER CONDITIONS OF CROSS-FLOW OF FLUIDS
ACROSS THE SEPARATION BOUNDARIES OF A
TWO-LAYER FORMATION. [1961] 4p.
Order from ATS \$6.85

ATS-40N55R

Trans. of Izvestiya Vsesoyuznogo Nauchno-Issledovatel'skogo Instituta Naftы i Gazu im. G. A. Mamedova. Nef't i Gaz (USSR) 1961, v. 4, no. 3, p. 43-46.

DESCRIPTORS: *Petroleum, Recovery, Fluid flow,
Boundary layer, Separation.

ATS - RJ - 3456

(Earth Sciences--Geology, TT, v. 7, no. 3)

62-12102

I. Mamedov, G. A.
II. ATS-40N55R
III. Associated Technical
Services, Inc.,
East Orange, N. J.

187464

Office of Technical Services

55
Crossflow of Fluids Between Two Adjacent Beds of
Different Permeability, by G. A. Namadov, 8 p.

RUSSIAN, par, Iz Vysashikh Ucheb Zaved, Nef^t i Gaz,
1959, Vol III, No 4, pp 49-55.

ADS-08L35R

Sci
Apr 60
Vol III, No 2

113,585

Large Deflections of a Circular Orthotropic Membrane,
by I. S. Mamadov, 10 pp.

RUSIAN, per, Inzhenernyy Zhur, No 1, 1953.

JPBS 19812

Sci.

Jun 65

234,928

Anisotropy of the Atomic Factor of X-Ray Scattering
In Crystals of Aluminium and Diamond, by S. T. Kono-
boevskii, N. P. Конобеевский, Намбай.

Full translation.

RUSIAN, per, Zhur Ekster i Teoret Fiz, Vol 21, No 9,
1951, pp 953 and 963.

AEC Tr 1348

Sci - Physics

Aug 52 CTSy

DEZ

A-5745

Anisotropy of the Atomic Scattering Factor
for X-Rays in Aluminium and Diamond Crystals,
by S.P. Konoboevskii, K.P. Mamedov.
RDZGKAM, per Zhur Fiz i Teoret Fiz.
Vol. 21, No. 9, 1951, pp 953-963
GB 45/11/3/5/2276

K P MAMEDOV.

Sci -
Aug 67

337-633

Fluorescence Spectra of Aromatic Hydrocarbons of the Biphenyl Series and Their Oxygen- and Sulfur-Containing Analogs, by V. L. Levshin, Kh. I. Mamedov, S. R. Sergienko, S. D. ~~IK~~ Pustil'nikova, 7 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 9, 1959, pp 1571-1578.

CB

Sci -
May 61

152, 795

Investigation of Luminescence Spectra of
Oil Fractions of Petroleum, by Kh. I.
Mamedov, 12 pp.

RUSSIAN, par, Is Ak Nauk Azerbaydzhana SSR,
Vol IV, No 1, 1958, pp 49-63.

ARS-33439H

Sci
Vol IV, No 11
Jun 62

199, 234

Fluorescence spectra of high-molecular-weight
polycyclic hydrocarbons, by Kh. I. Mamadov.

RUDNIAK, ser. Iz Ak Nauk SSSR, Ser Fiz,
vol. XXIII, No 1, 1959, pp 126-130

Columbia Tech

Sci.

Mar 60

119127

The Crystal Structure of Foshagite - $\text{Ca}_6[\text{Si}_6\text{O}_{17}](\text{OH})_6$
by Eh. S. Mamedov, N. V. Belov,

RUSSIAN, par, Dok Ak Nauk SSSR, Vol CXMI, No 6 5,
1958, pp 901-

CB

Sci
Nov 59

101032

Crystal Chemistry of Calcium Silicates, by
Kh. S. Mumédov.

RUSSIA, bk.

*CB

Sci-Chem
Jan 64

Crystal Structure of Mica-Like Hydrous Calcium Silicates: Okonite, Nekoite, Truscottite and Gyrclite, New Silicate Radical $[\text{Si}_6\text{O}_{15}]_{\infty}$, by Kh. S. Mamedov, E. V. Belov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLI, No 4, 1958, pp 720-723.

8

CB

Set
Nov 59

101,029

The Crystal Structure of Xonotlite, by K. S. Mamedov,
6 pp.

RUSSIAN, Abstract of a Dissertation, 1955.

Sci Mus Lib No 56/0866

Sci - Chemistry

39,350

The Crystal Structure of Hillebrandite, by
Kh. S. Mamedov, E. V. Belov, 4 p.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CHXZII, No 4,
1958, pp 741-.

CB

Sci
Feb 60

106,930

On the Wohlerite-Lavenite and Rinkite-Mossandrite Groups, by Kh. S. Mamedov, V. I. Simonov, N. V. Belov, 2 pp.

RUSSIAN, per Dok Ak Nauk SSSR, Vol CXXVI, No 2, 1959, pp 379-381

AGI

Sci

Jun 61

152, 217

The Crystalline Structure of Tricalcium Silicate Hydrate, by Kh. S. Mamedov, R. F. Klevtsova, N. V. Belov, 3 pp

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVI, No 1, 1999 pp 151-154.

AGI

Sci

Jun 61

152, 216

The Crystalline Structure of Tobermorites, by
Kh. S. Namedor, N. V. Nelov, 4 p.
g

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII,
No 1, pp 163-165.

CB

Sci
Feb 60

106, 926

Crystal Structure of Wollastonite, by Kh. S. Mamedov,
N. V. Belov, 11 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol
CVII, No 3, 1956, pp 463-466.

Sci Mus Lib Tr 57/3673
SLA Tr R-2090
Sci - Chemistry
Mar 50
Copy Tr 46360, 515

Mamedov, Kh. S., Klevtsova, R. F., and Belov, N. V.
ON THE CRYSTALLINE STRUCTURE OF TRICAL-
CIUM SILICATE HYDRATE TSH= $6\text{CaO} \cdot 2\text{SiO}_2 \cdot 3\text{H}_2\text{O} \cdot$
 $\text{Ca}_6[\text{Si}_2\text{O}_7](\text{OH})_6 = \text{Ca}_4[\text{Si}_2\text{O}_7](\text{OH})_2 \cdot 2\text{Ca}(\text{OH})_2$ (O
Kristallicheskoy Strukture Gidrata Trekhal'tsiyevogo
Sillikata) tr. by G. N. Gibson. Nov 59, 6p. 7 refs.
LC.926; M1825.
Order from LC or SLA mi\$1.80, ph\$1.80 61-13149

Trans. of *Akademiya Nauk SSSR. Doklady, 1959,
v. 126, no. 1, p. 151-154.
Another translation is available from AGI.

(Physica--Solid State, TT, v. 5, no. 2)

61-13149

1. Calcium silicates--Crystal structure
2. Hydrates--Crystal structure
1. Mamedov, Kh. S.
- II. Klevtsova, R. F.
- III. Belov, N. V.
- IV. LC-926
- V. DSIR LLU M.1825
- VI. Department of Scientific and Industrial Research (Gr. Brit.)

Office of Technical Services